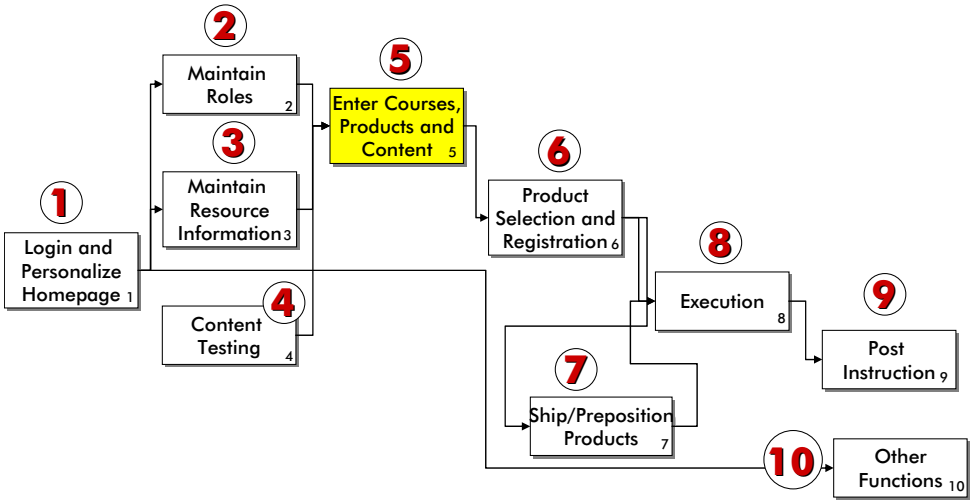
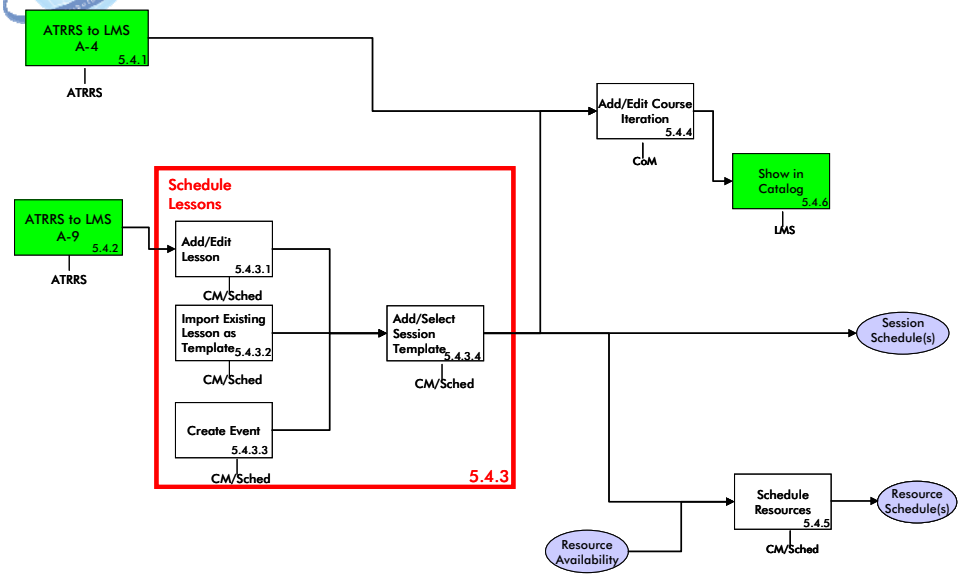
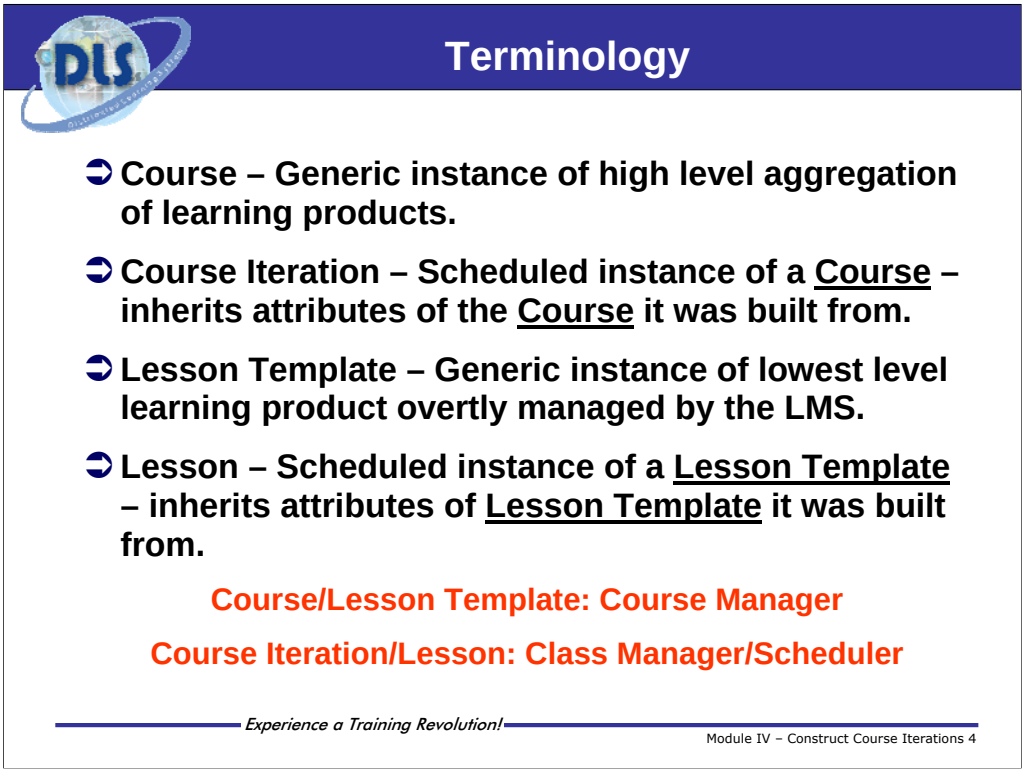
PEO EIS
DLS
Distributed Learning System
Construct Course Iterations
Office of the Project Manager, Distributed Learning System
Experience a Training Revolution!

High Level Processes



5.4 – Construct Course Iteration



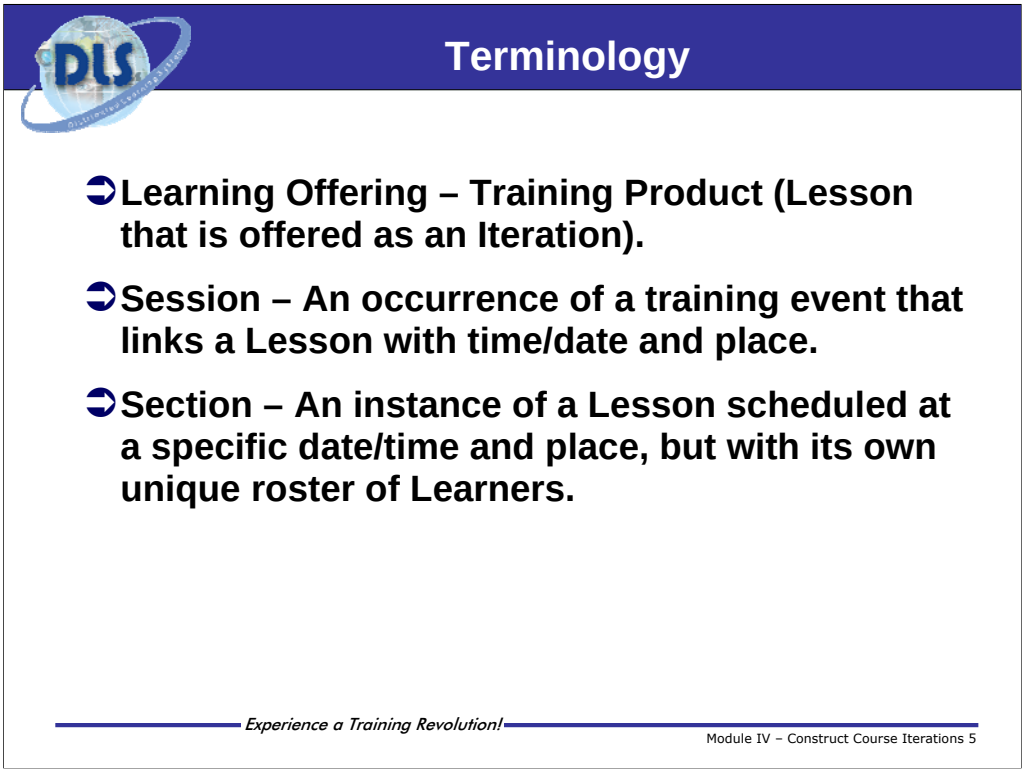


These definitions of Courses and Lessons are important distinctions as they are worked by different Role Based Users for different actions in the training process.

The difference between a Course and a Course iteration is that the iteration has a location, date and time associated with it. The Course itself is just a model of what should be taught and what is needed to teach it. The iteration is that *instance* of a Course that is schedulable and for which Learner's can register.

The Lesson template and the Lesson have the same relationship as the Course/Course iteration. The Lesson, not the template, is fixed in time and place. Lessons have rosters of registered Learners– templates never do.

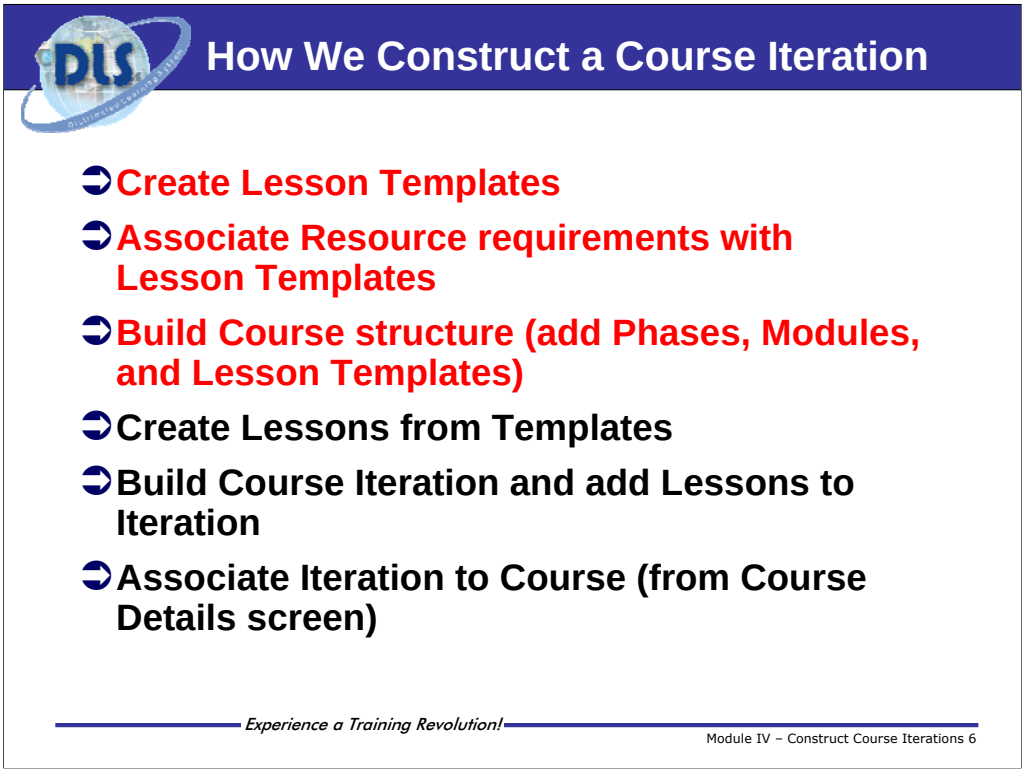
In the ALMS, there is a natural break in the duties of Role Based users. As CM/Scheds, we work with Course iterations and Lessons.



1st Bulllet: Lessons templates, Lessons, and Web-based Products are all training Products. When selecting these from the LMS database for use in building Courses and iterations, they will appear as choices under the heading of Learning Offering.

2nd Bullet: When working with Lessons, we will see exactly how sessions are used in the Lesson creation process. It is the session that places a Lesson at a specific date and time.

3rd Bullet: We use sections when a class is to be divided into sub-groups. Class sections are independently schedulable. (For more academic situations, a section can be just another occurrence of the same class, such as a college Chemistry class that meets either Wednesday nights or Saturdays.)



As with Courses (templates), Course iterations are built from the bottom up, using Lesson iterations [and *ad hoc* events] as the basic building blocks. The following is a general procedure for creating Course iterations:

Note: Items in red were already discussed in a previous presentation Section 5.1. These are actions that Course Managers have already accomplished.

Class Managers of ATRRS Managed Course iterations should locate the Class administrative data in the LMS catalog before building lessons or will have to leave the completed lessons in storage until the Course iteration is established in the Catalog.

1st bullet: Creating "templates" includes all the associations, constraints, and additional information needed to perform training of Lessons based on the template. This was done by the Course Manager.

2nd bullet: Reminder: Resources were associated with templates and include Facilities, Equipment, Supplies (Expendables) & Instructors.

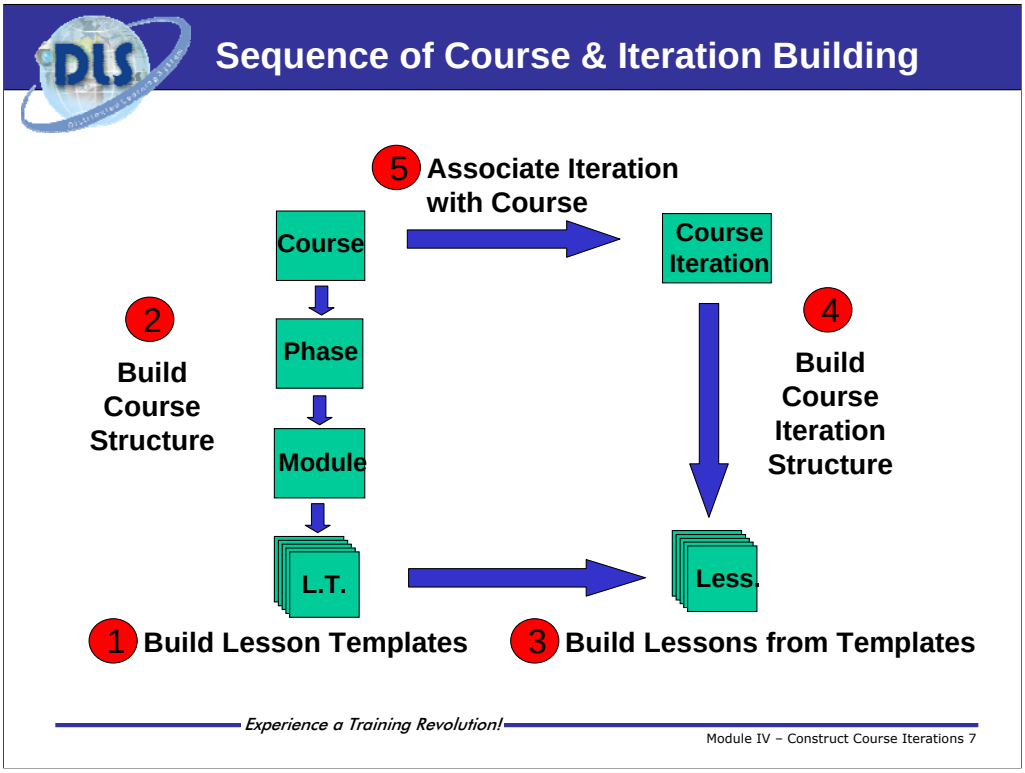
3rd bullet: We created or edited the Course administrative data (CAD), added a Phase or Phases, Module or Modules, then finally added the Lesson belonging with each Module.

Now, as CM/Schedulers, we will set them in place and time, make them applicable to some actual execution of training.

4th Bullet: We use the Lesson templates created by the CoM to build schedulable Lessons- one Lesson for every template in the Course model.

5th Bullet: Just as the CoM did while building the Course structure, the CM/Sched adds or edits the Course iteration administrative data, then "builds down" to add the Lessons he already created from the templates. Note that at the iteration level, there are no Phases or Modules used– just the Course iteration and its Lessons.

6th Bullet: Last, the CM/Sched must go to the original Course Details screen and use the Course Iterations link in the left navigation bar to create the association between that Course and the iteration he has just built.



[Trainer: We are now going to go through the process of building a Course Iteration.]

This is the first step in a five step process. Course Managers learned about some of this in a previous Lesson.

Step 1: The CoM creates however many Lesson templates are needed for his Course.

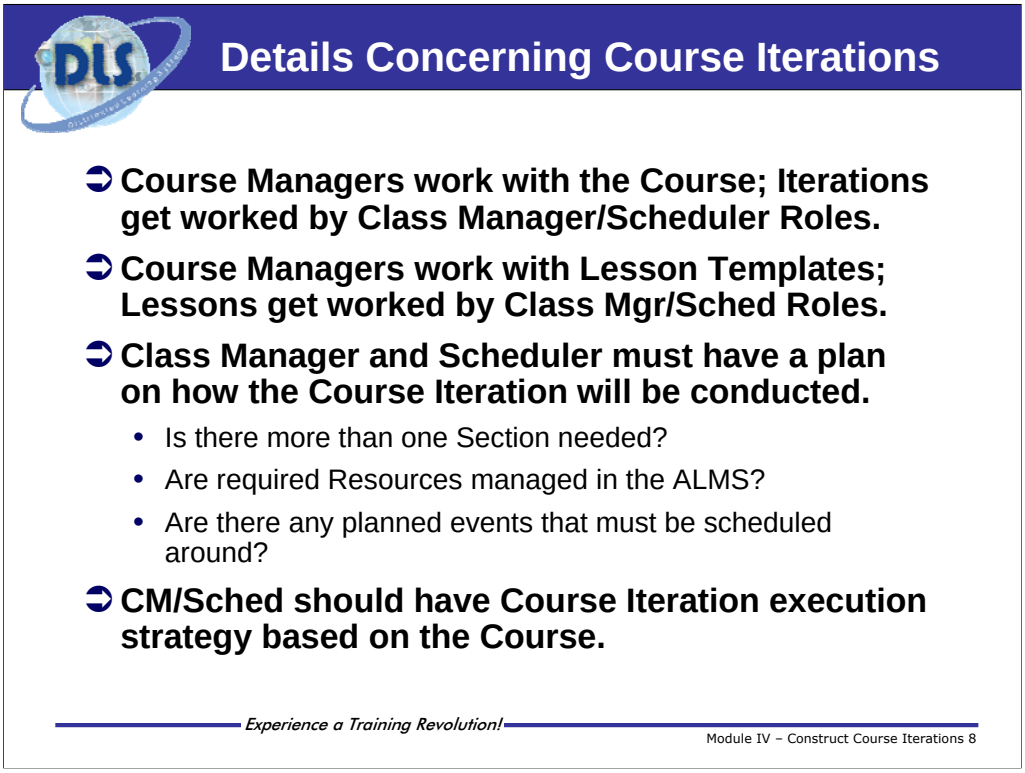
This is the second step. The CoM establishes the Course in the catalog by adding Phases, Modules, and associating the Lesson templates as Learning Offerings under each Module.

Now it is turned over to CM/SCHED to create the iterations. If it is ATRRS managed you must wait until ATRRS establishes the iteration (A-4 Message).

In Step 3 we build lessons from lesson templates- one Lesson for every Lesson Template in the Course model.

In Step 4 we build Course iteration structure from Lessons as Learning Offerings. Note that there are no Phases and Modules at the iteration level.

In Step 5 we Associate Course Iterations with the Course. This is done from the original Course's Course Details screen.



Note: Every course iteration must have at least one Lesson or product to be saved. (These only take a minute or two to create).

Bullets 1, 2: These are just quick reminders. It is easy to get confused at times.

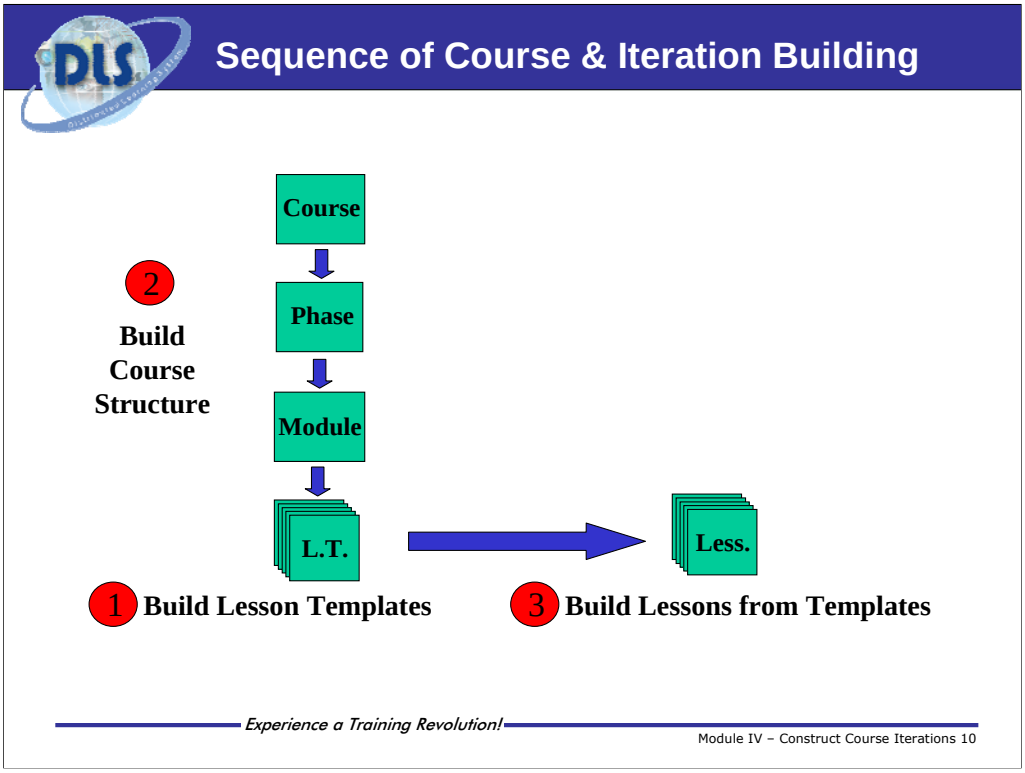
Bullet 3: The CM/Sched should be aware of any constraints to training or other factors that may influence the scheduling process.

Bullet 4: It is important that the CM/Sched know how the Course is to be executed. The Course structure in the LMS should tell him what he needs to know. When creating a detailed schedule of Lessons making up a Course iteration, the CM/Sched should lay out the Lessons in the order of the Course's templates, e.g. day 1 is this, day 2 is this, and day 3 is this, and so on until the entire schedule is completed.

Construct Course Iteration Vignette

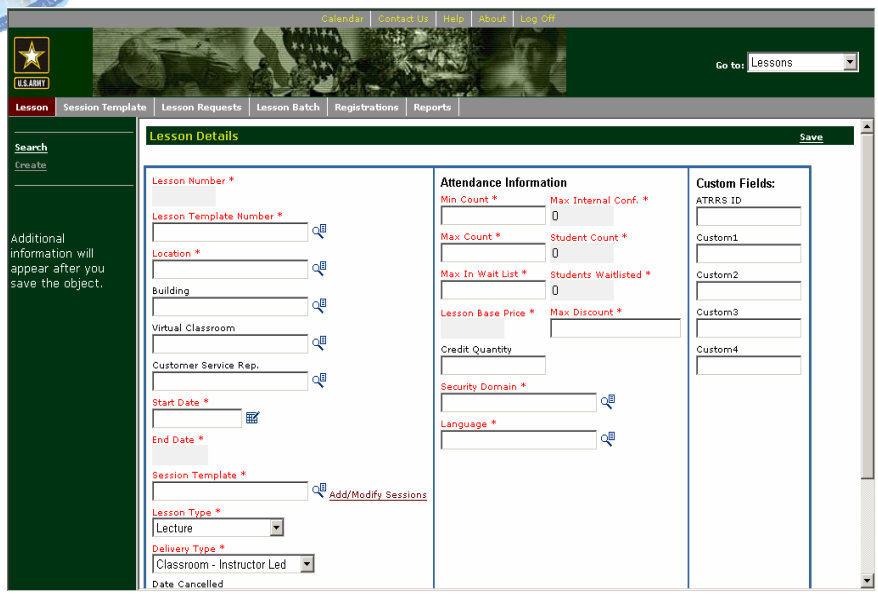
Show Me, Version

- **"Class Manager Lesson" Show Me**

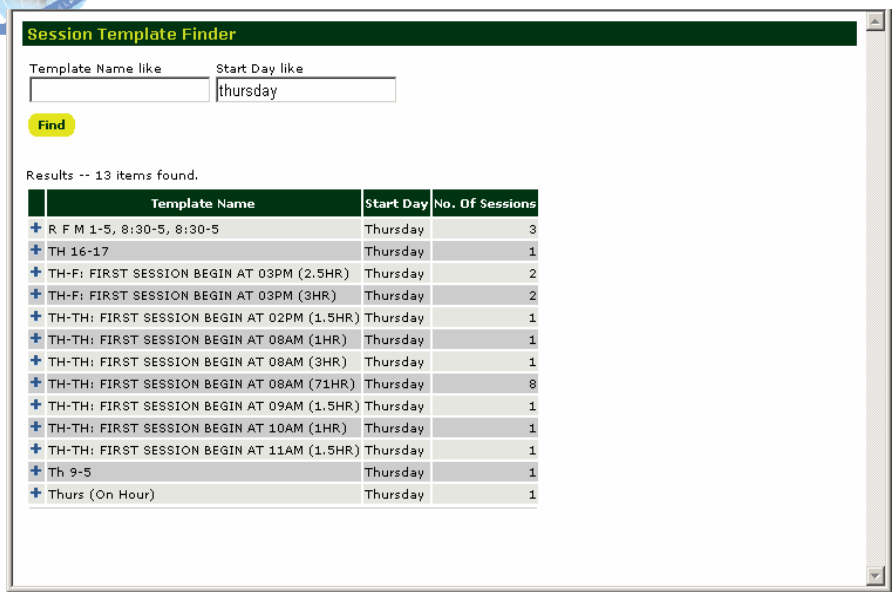


To build an iteration, we remind ourselves where we are in the process, picking up from the Course Manager at Step 3, building Lessons from Lesson templates- one Lesson for every template in the Course model.

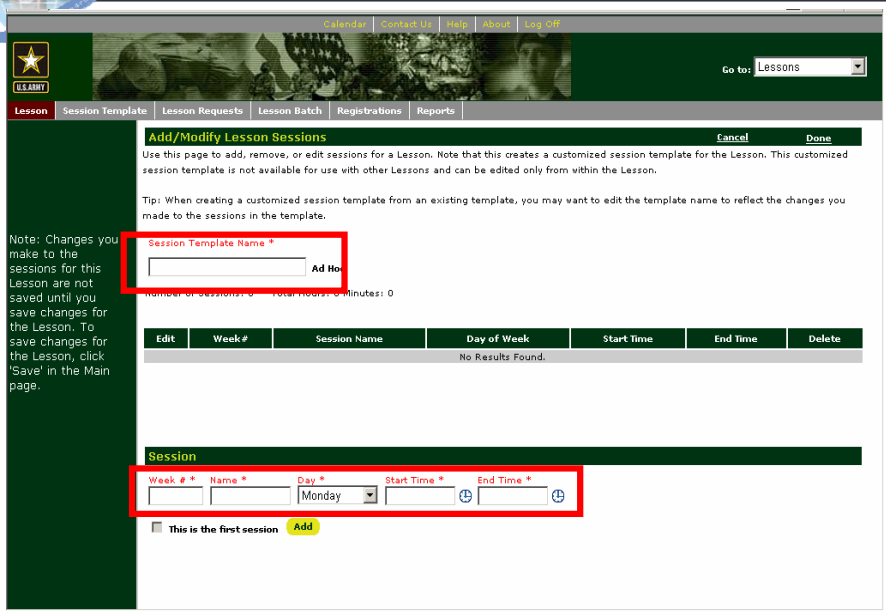
Lesson Details Screen



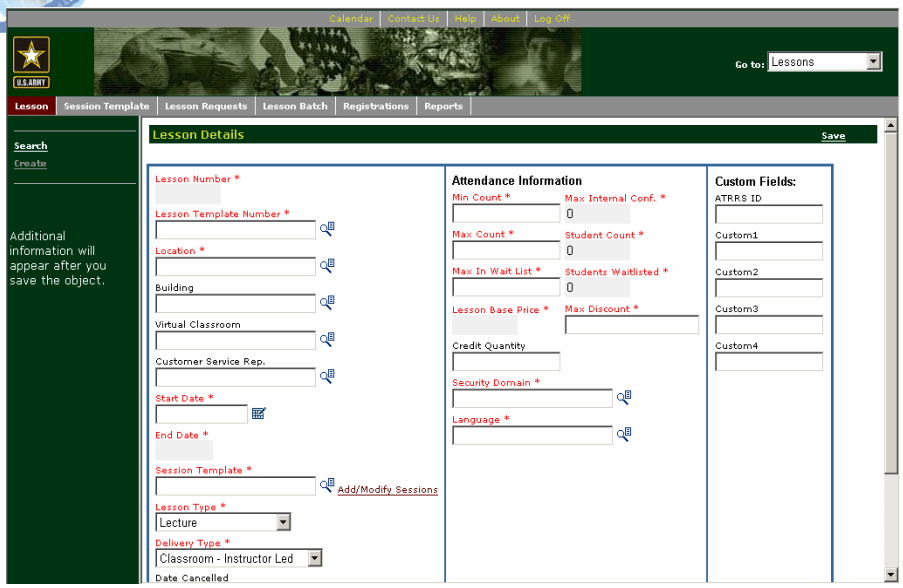
Session Template Finder



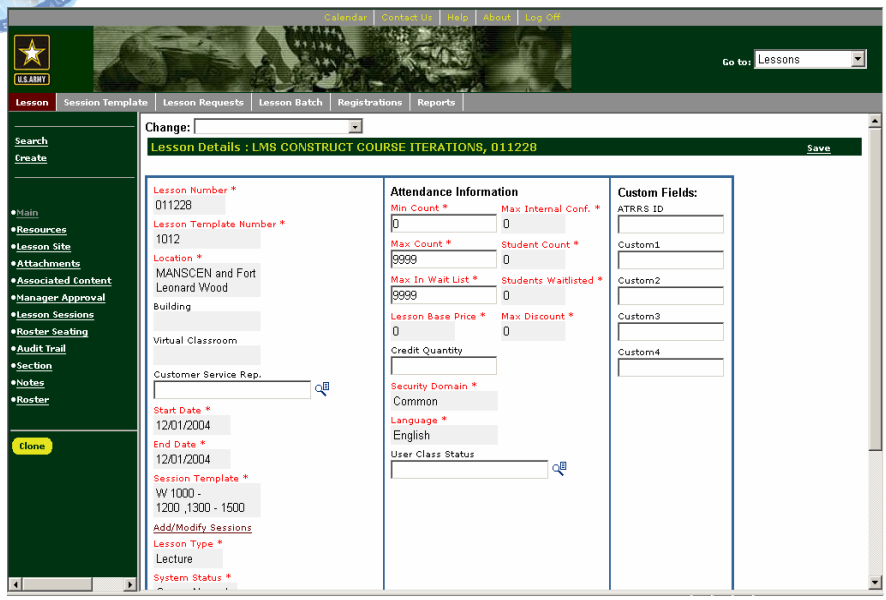
Add/Modify Lesson Sessions



Lesson Details Screen

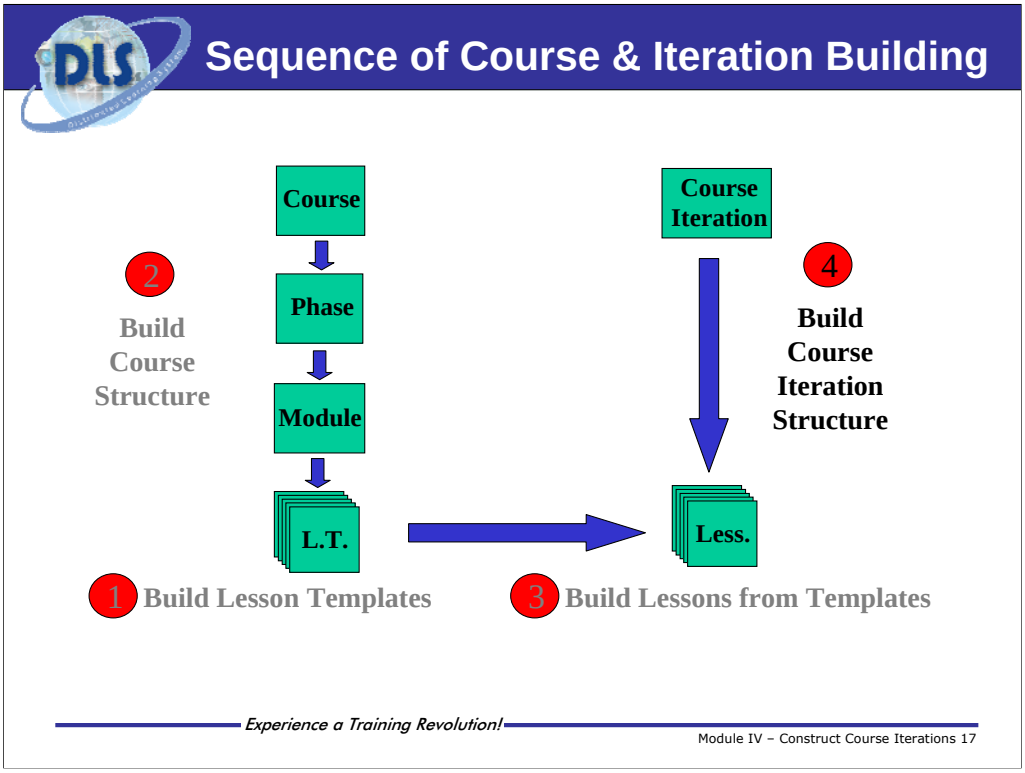


Lesson Details Screen (Completed)



Construct Course Iteration PE

- **Class Manager PE # 1**
  - Create Lesson
- **ALMS Training Database is located at:**
  http://training.lms.army.mil



We pick up with Step 4 in the diagram. We build Course iteration structure by adding Lessons as Learning Offerings.

Note that we reach down and get the Lessons that we built in step 3 to build the Iteration.

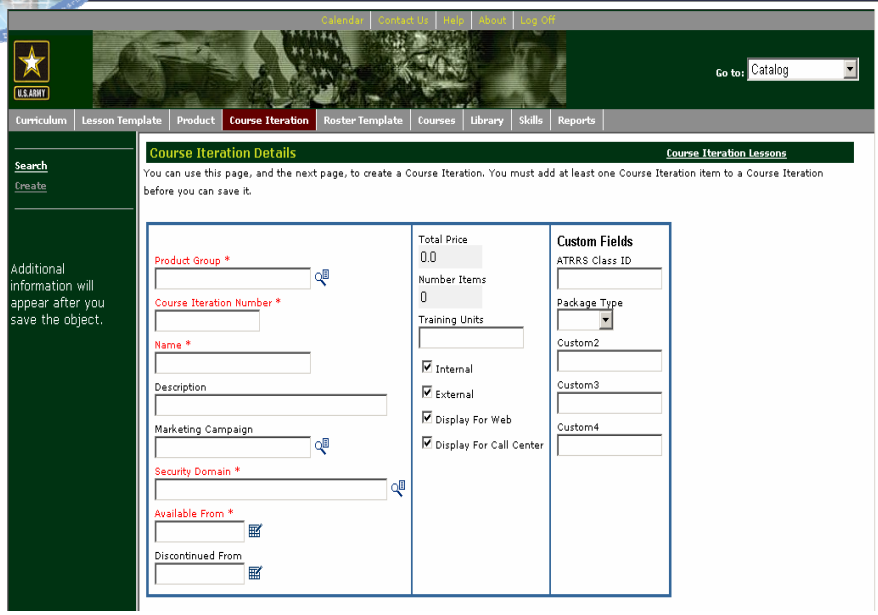
Note again that there are no Phases and Modules at the iteration level.

Construct Course Iteration Vignette

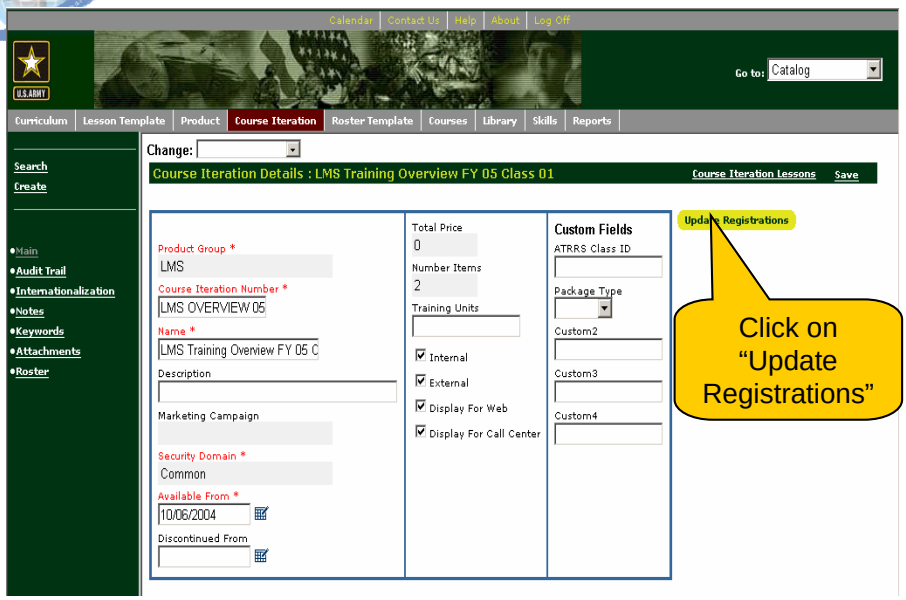
Show Me Versions

- "Class Manager Course Iterations" Show Me

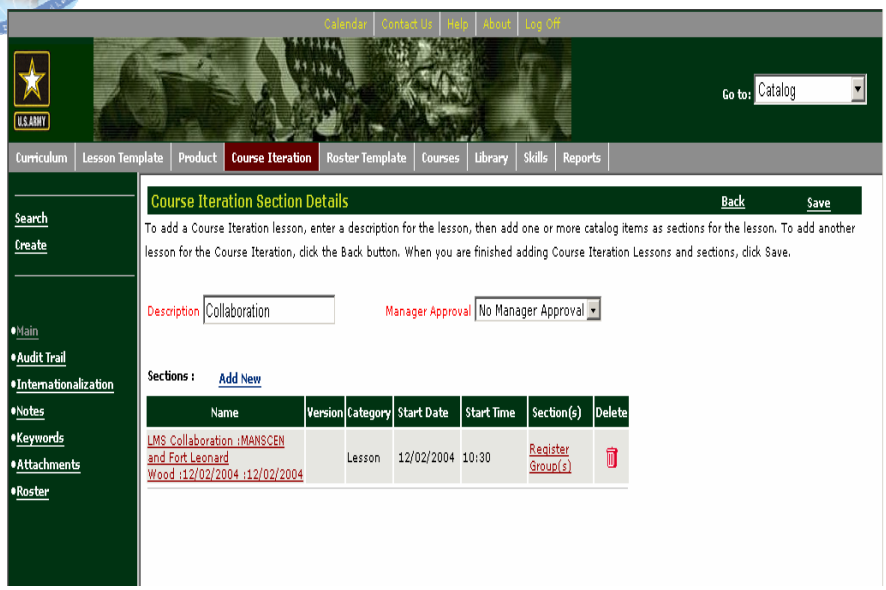
Course Iterations Details Screen



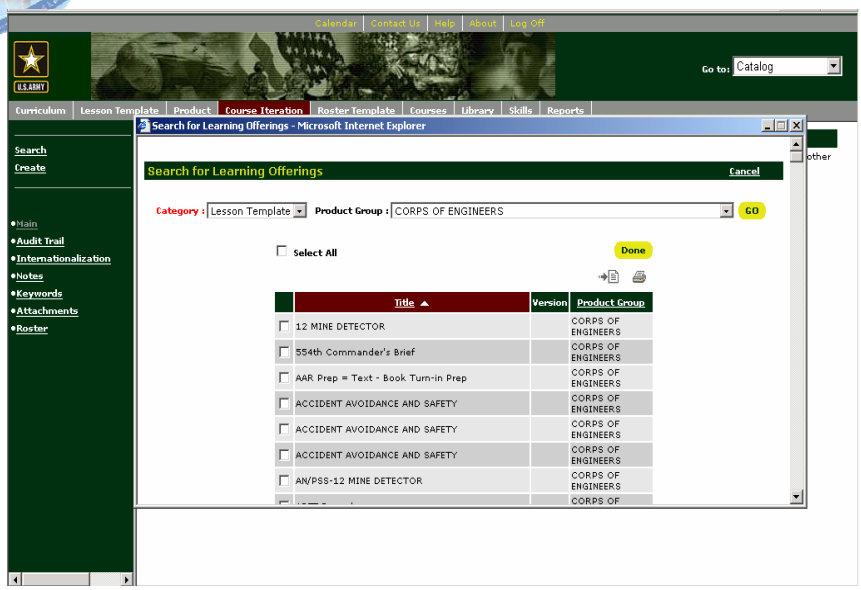
Course Iterations Details Screen (Completed)



Course Iterations Section Details Screen

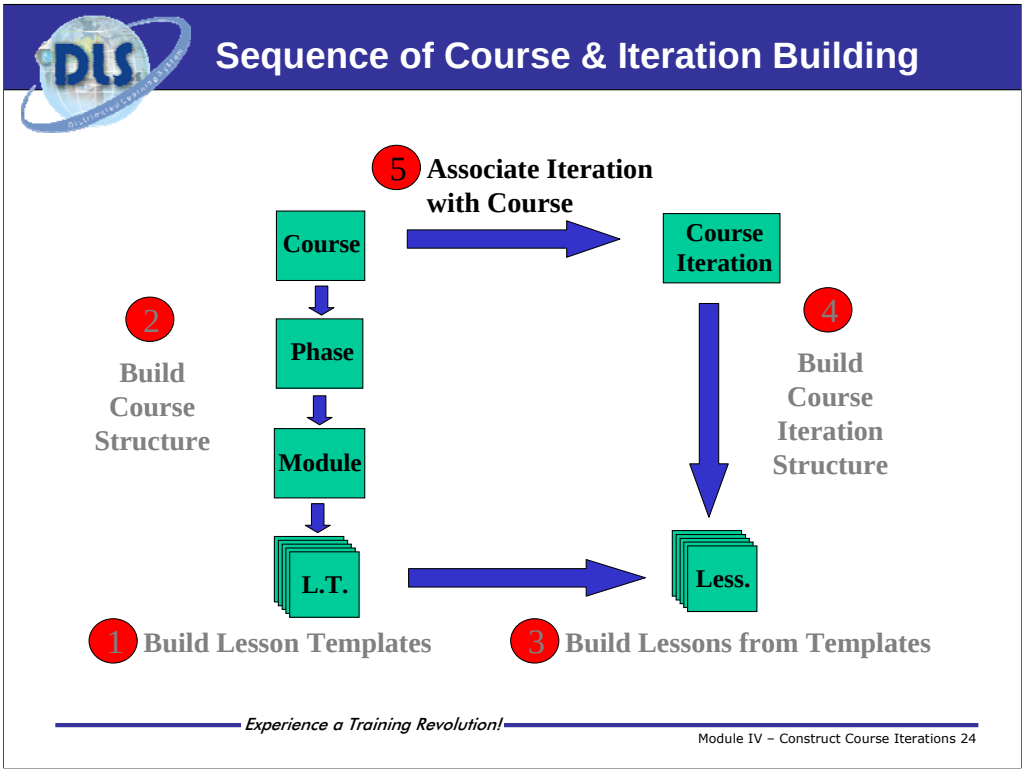


Learning Offering Selection Input

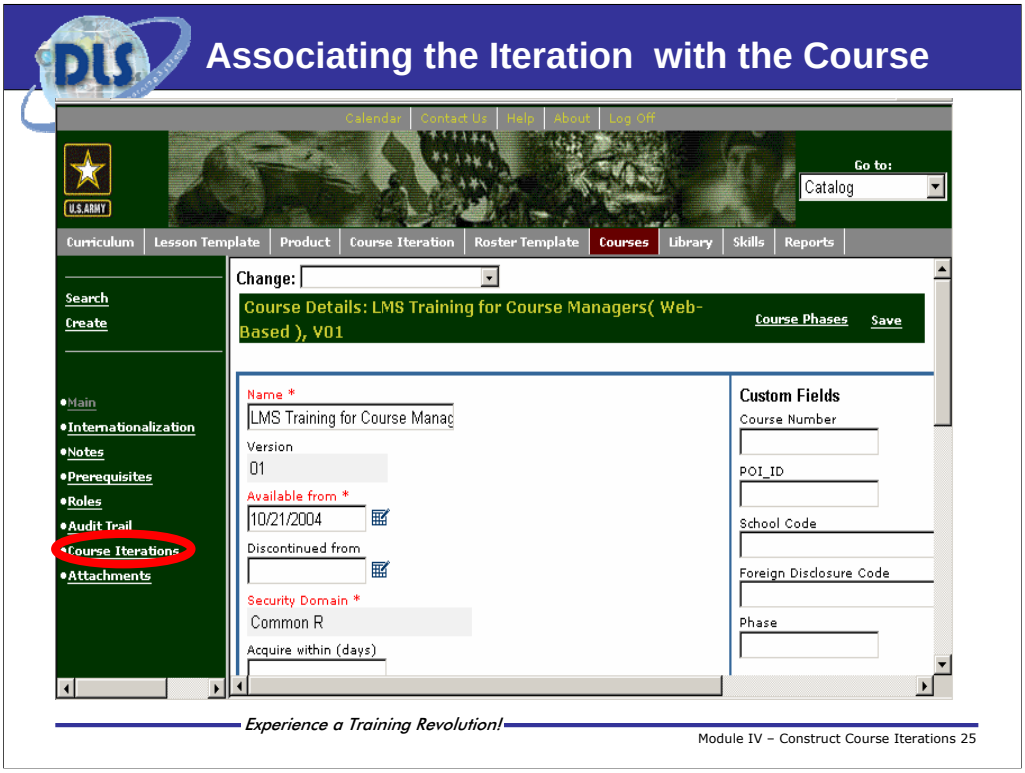


Steps To Building Lesson Iterations

- Step 1: Click “Catalog”, Click “Course Iterations” Tab, Click “Create” in the Left Navigation Bar
- Step 2: Fill in your Course Iteration data
- Step 3: Click on “Course Iterations Lessons”
- Step 4: Click “Add New”
- Step 5: Enter data in the Description Field
- Step 6: Click “Add New”
- Step 7: Select the Category and Product Group from the drop-down menu, and click “Go.”
- Step 8: Select (check) ONE Learning Offering and click “Done.”
- Step 9: Click “Save” and then ***Click “Back”***
- Step 10: Repeat Steps 4-9 for every required lesson



Having completed constructing the Course iteration, we must remember to associate the iteration with the original Course. This is done from the original Course's Course Details screen.



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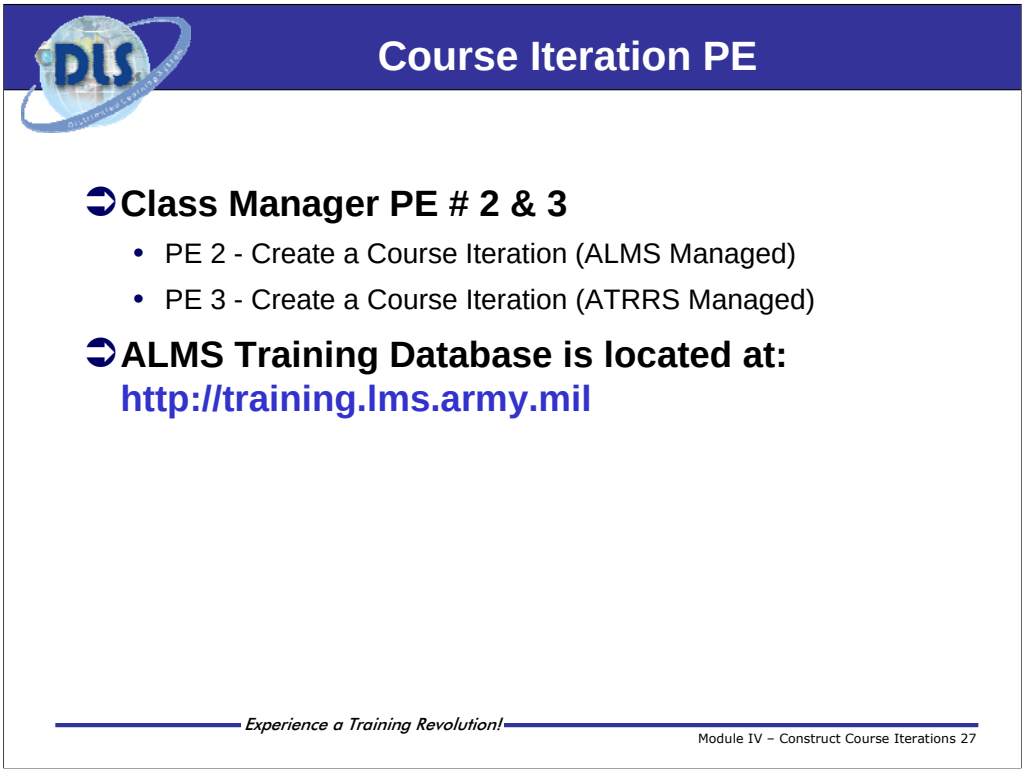
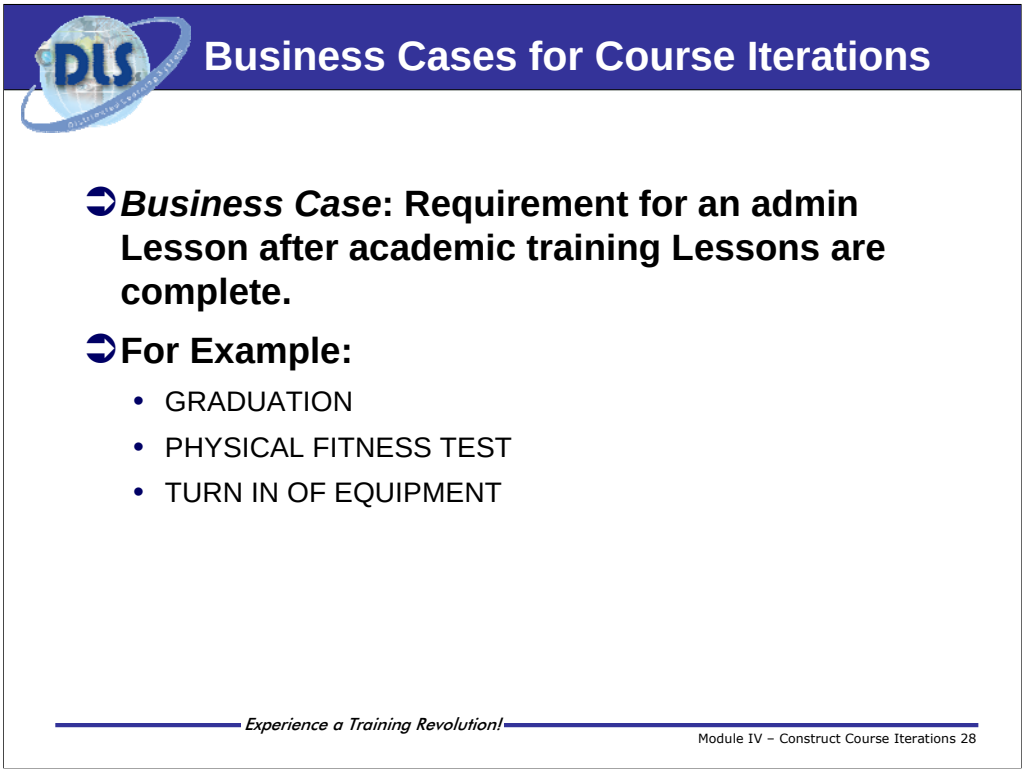
Steps To Associating Iterations to Courses

- Step 1: Click “Catalog”, “Courses”, “Search”.
- Step 2: Enter search criteria and find the course the iteration is to be associated with.
- Step 3: Click the “Edit” icon.
- Step 4: Click “Course Iteration” link in the Left Navigation Bar.
- Step 5: Use the course iteration Finder to find the iteration just constructed and click “Add”.



Take 20 minutes to do the Class Manager PE 2 &3.

In these PEs you will create a Course Iteration for both an LMS managed Course and an ATRRS Managed Course.



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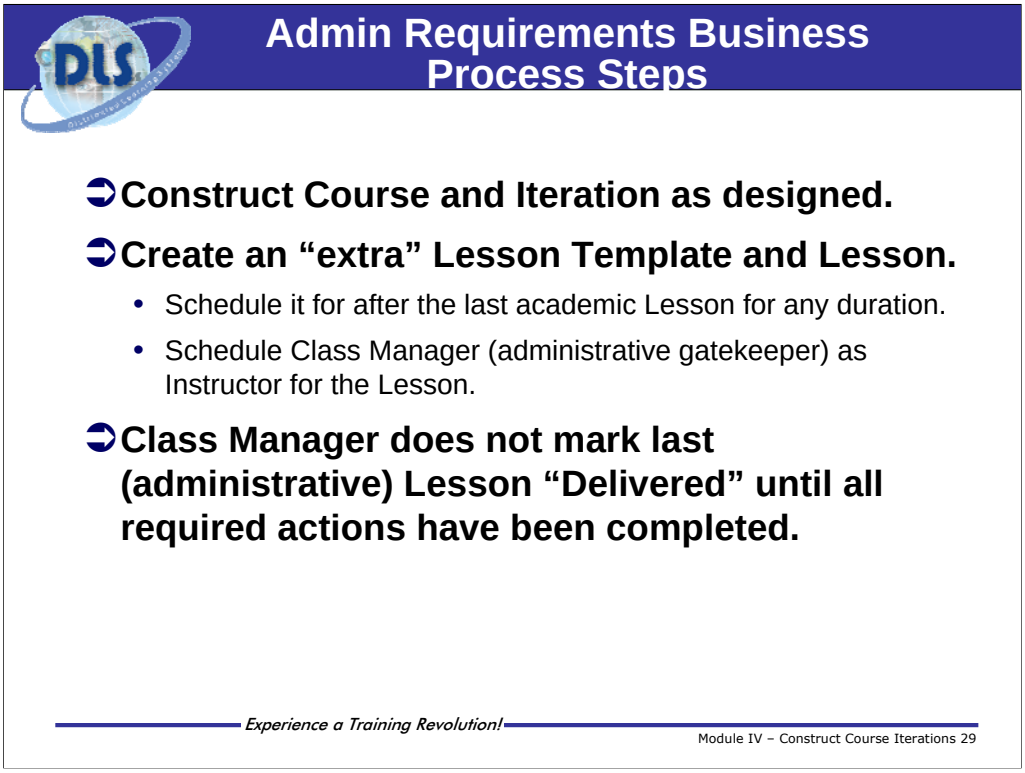
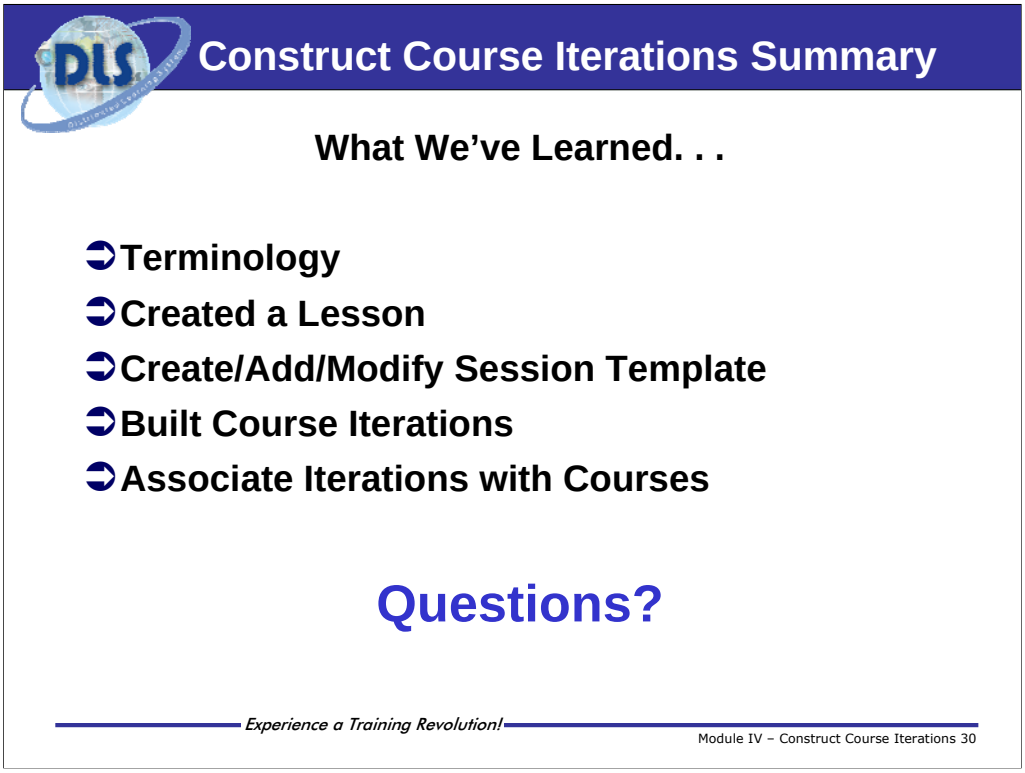


You can create an "Extra" Lesson Template and Lesson to "schedule admin requirements"



This is what we've learned.

What are your questions pertaining to constructing a Course Iteration?